

APPENDIX E

COMMENT DEFINITIONS

<u>COMMENT CATEGORY</u>	<u>Example</u>
Adherence to Int. Stds.	Code is not in compliance to Software Standards and Procedures Manual.
Adherence to Gov't Stds.	2168 is on contract, yet they have no software quality program.
Completeness	The final version of SRS has TBD's throughout the document.
Consistency	They have described the item as a Joy Stick throughout the document and in one paragraph they call the item the Control Stick.
Correctness	The requirement in the SRS requires the distance to be within 5 miles; however, in the design the check is 5 kilometers.
Cost\Schedule	You attend an SSR and the contractor is proposing 12 months for a 100KSLOC job, your analysis says 36 months.
Efficiency	In a real-time organic based system, no effort was taken to use the available math coprocessor.
Functionality	While witnessing a test, you notice the user interface is extremely cumbersome.
Maintainability	There are no procedures to minimize the depth of nesting in the source code.
Management	The contractor has only one SQA person for a 1000KSLOC embedded system that is currently in design stage.
Reliability	There are no procedures to ensure there are error handlers for critical units.
Security	During a Preaward survey for the Army's new Command and Control System, you note the company has never developed a classified system or worked with classified material.
Safety	You believe that the proposed Software Change to increase the systems capabilities may have an impact on the radiation levels the sensor emits while personnel are nearby; however, the contractor did not address this safety issue.
Testability	The requirement is for a user friendly interface. You know this is not specific enough to be testable.
Traceability	As you review the SDD you discover they left out SRS requirement .2.10.3.
Understandability	After reading a paragraph in the SDP several times, you come to the Conclusion it could be misinterpreted to mean several different things.
